

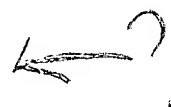
Application No.: 09/121,239
Filed: July 23, 1998
Art Unit: 1635

AFTER FINAL AMENDMENT
Docket No. GP091-02.UT
Confirmation No. 3098

At page 48, line 5, at the beginning of the sentence, delete "A" and insert instead -- The invention includes a --.

At page 48, line 6, before "amplification" insert -- nucleic acid -- and after "amplification" delete "is disclosed".

Note
At page 48, line 6, at the beginning of the second sentence, delete "A" and insert instead -- The invention also includes a --.

At page 48, line 6, after "sample," insert -- e.g., resulting from a *bcr-abl* fusion, --. 

At page 48, line 6, after "amplification" insert -- of the spliced sequences --.

At page 48, spanning lines 6-7, after "amplification" delete "is disclosed".

IN THE CLAIMS

Please amend Claims 1, 3, 5, 9, 10, 14, 18, and 21-23 as shown in the clean claims that follow. Please cancel claims 4, 11, and 13. Marked-up claims are attached as Appendix B.

- G1*
1. (Amended Five Times) A method for detecting a fusion nucleic acid comprising the steps of:
- a) providing a sample containing a first single-stranded fusion nucleic acid comprising a *bcr-abl* splice junction;
 - b) contacting under nucleic acid amplification conditions:
 - the first single-stranded fusion nucleic acid,
 - an *abl*-specific first primer which hybridizes to a first primer binding site of SEQ ID NO:22, and
 - at least one nucleic acid polymerase activity;
 - c) amplifying the fusion nucleic acid in a single isothermal nucleic acid amplification reaction using the first primer to produce a plurality of second nucleic acid strands complementary to at least a portion of the first single-stranded fusion nucleic acid that contains the *bcr-abl* splice junction site, wherein each second nucleic acid strand comprises: